Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 08 Apr 2021 until 23:59 on Friday 09 Apr 2021

Forecast Issued on Wednesday 07 Apr 2021 at 13:09

Confidence: High for overall theme, low confidence in precipitation type.

Headline for Thursday 08 Apr 2021: Cloudy and windy with outbreaks of rain during the day, turning heavy into the evening.

Mountain weather hazards on Thursday 08 Apr 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light rain	Light rain showers	Light rain showers	Light rain showers	Light rain	Heavy Rain
Precipitation probability							
20%	20%	20%	30%	50%	50%	50%	90%

Forecast for Thursday 08 Apr 2021

Weather: Widespread low cloud moving from the west with outbreaks of snow turning to rain. Although the cloud may lift just above hill tops during the day, light rain showers are expected to continue and will become more frequent during the afternoon. Into the evening, the cloud will thicken and lower once again as the rain turns more persistent with heavier bursts likely at times.

Chance of cloud free mountain/hill tops above 600m: 0% improving to 50% during the afternoon

Visibility: Very poor with cloud base to 400m in low cloud and rain, improving to moderate during the day.

Forecast for Thursday 08 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 SW	16/24 SW	17/26 SW	22/32 W	25/37 W	27/40 SW	29/45 SW	30/46 W	22/34 W
300	4/12 SW	7/18 SW	10/23 SW	15/29 W	17/35 W	20/39 SW	20/41 SW	21/42 W	16/32 W
Valley	2/9 NW	4/15 SW	9/22 SW	13/28 W	16/34 SW	18/36 SW	16/36 SW	18/38 SW	12/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-0/-6	2/-4	3/-3	3/-3	3/-4	2/-5	2/-5	1/-6
300	0/-2	1/-2	3/-0	5/1	6/1	6/1	5/-0	5/-1	3/-2
Valley	1/-1	3/1	5/2	7/3	7/3	7/3	6/2	6/2	5/1
Freezing Level*	300m	700m	1000m	1000m	1000m	1000m	1000m	1000m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds, low cloud and rain will lead to significant wind chill throughout the day. The worst conditions are expected from late afternoon as the wind strengthens and the rain turns heavier at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 07 Apr 2021	0.4mm	0.6mm	1.4mm

Forecast for Friday 09 Apr 2021

Weather: A drier and brighter day with a light ground frost early in the morning. It will continue to feel cold despite the sunshine, with a fresh northerly wind. Isolated light rain or sleet showers may develop during the afternoon.

Maximum wind: North-westerly 10mph, gusting 20mph.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Excellent, briefly deteriorating to moderate in showers.

Temperature: **Valleys:** ZERO increasing to PS 07C
At 600m: PS 01 C
Freezing level: 650m